

19990411.qrp v01_n423.qrl.990411

Date: Sun, 11 Apr 1999 19:05:46 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1423

QRP-L Digest 1423

Topics covered in this issue include:

- 1) [37798] Re: Unique "Micropaddle"
by Goemans <jgoemans@facstaff.wisc.edu>
- 2) [37799] ARCI'test & Small Loop
by Bob Edwards <w4ed@flash.net>
- 3) [37800] Re: Unique "Micropaddle"
by Michael Melland <badger@vbe.com>
- 4) [37801] SB Certificate
by Bruce Rattray <rattray@gpfn.sk.ca>
- 5) [37802] Re: QSL Maker
by "John J. McDonough" <jjmcd@tm.net>
- 6) [37803] NC20 success!
by "chris cieslak" <ccieslak@law.uiuc.edu>
- 7) [37804] pmk: Mag wire! Who need some ???
by pmk@juno.com
- 8) [37805] Re: Assembly Notes for Kits--NO WATER SOLUBLE SOLDER, PLEASE!
by Wayne Burdick <n6kr@elecraft.com>
- 9) [37806] Spring things to part with
by "Arch Jenkins" <beaks@westco.net>
- 10) [37807] N0EB Spring Cleanup
by "Bob Gobrick" <rgobrick@worldnet.att.net>
- 11) [37808] New "DSW" photo on Atlanticon web page
by "George Heron" <n2apb@erols.com>
- 12) [37809] WTD:MFJ9406
by John Pate <kb4utv@netscape.net>
- 13) [37810] Re: Assembly Notes for Kits--NO WATER SOLUBLE SOLDER, PLEASE!
by Thomas Kuehl <ac7a@uswest.net>
- 14) [37811] weird sound on 7Mhz
by Scott Howell <whowell@hq.nasa.gov>
- 15) [37812] I fondled a Mercury today!
by Goemans <jgoemans@facstaff.wisc.edu>
- 16) [37813] Unusual Requests...
by Brian Short <bshort@speedchoice.com>
- 17) [37814] Re: Radio Shack Switching Power Supply
by Jerry Henshaw <jhenshaw@bellsouth.net>
- 18) [37815] Re: Assembly Notes for Kits
by k5zty@juno.com
- 19) [37816] Re: Linear Loaded antennas.

- by k5zty@juno.com
- 20) [37817] 4 sale
by bkobie@webtv.net (patrick obrien)
- 21) [37818] Re: Assembly Notes for Kits--NO WATER SOLUBLE SOLDER, PLEASE!
by Wayne Burdick <n6kr@elecraft.com>
- 22) [37819] Hi-Mound MK708 for sale
by Scott Howell <whowell@hq.nasa.gov>
- 23) [37820] [FS] JPS ANC-4 Noise Cancellor
by The Boices <boice@bigfoot.com>
- 24) [37821] [FS] Radio Shack DMM
by The Boices <boice@bigfoot.com>
- 25) [37822] Re: Radio Shack Switching Power Supply (longish...)
by "Radman" <radman@best.com>
- 26) [37823] SW40+
by "Art Neilson, KH7PZ" <art@hawaii.rr.com>
- 27) [37824]
by "Perley Urquhart" <n1yuk@nemaine.com>
- 28) [37825] Wanted
by "Perley Urquhart" <n1yuk@nemaine.com>
- 29) [37826] Items For Sale in Hamburg, Germany
by "Ronald H. Evans" <rhevan1@ibm.net>
- 30) [37827] 2-meter half square notes
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 31) [37828] 10M openings
by w4pj@w4bkx.ampr.org
- 32) [37829] Re: Radio Shack Switching Power Supply
by Rod Cercone <rlc@fii.com>
- 33) [37830] ARCI Contest
by Ron Stark <ku7y@dri.edu>
- 34) [37831] RE: Half squares and Bobtails on 2 meters
by "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 35) [37832] Re: Radio Shack Switching Power Supply
by w4bws@juno.com
- 36) [37833] WAS-QRP
by K0su@kktv.com
- 37) [37834] QRP/QRO items for sale
by K0su@kktv.com
- 38) [37835] QRP/QRO items for sale
by K0su@kktv.com
- 39) [37836] Spring Bouquet -- Ontario Trillium on 40m
by "L. Jeffrey Hetherington" <jhetheri@npiec.on.ca>
- 40) [37837] Yesterdays Contest
by Bradford D Bilbrey <bigdawg74@juno.com>
- 41) [37838] Re: Yesterdays Contest
by Chuck Carpenter <w5usj@unicomp.net>
- 42) [37839] Six Meters
by "George T. Baker" <w5yr@swbell.net>
- 43) [37840] Dale Resistor Question

by J38AL@aol.com
44) [37841] "Come over to the dark side"
by mikemo@ibm.net
45) [37842] Re: [Yesterdays Contest]
by Roy Lincoln <wa4dou@usa.net>
46) [37843] QRP WAS
by radioham@erols.com
47) [37844] Spring Bouquet - Add to Your Collection!
by Ken La Rose <kenlar@csolve.net>
48) [37845] Troubleshooting the38 Special
by Marv Fagenson <k6hcj@juno.com>
49) [37846] Re: SW40+
by "Art Neilson, KH7PZ" <art@hawaii.rr.com>
50) [37847] QRP For Sale
by Tom Quayle <tquayle@montana.com>
51) [37848] Re: [Re: SW40+]
by Roy Lincoln <wa4dou@usa.net>
52) [37849] "pruning" temporary antennae
by James R Giammanco <n5ib@juno.com>
53) [37850] Stuff for sale.....
by "Malcolm Bussey" <mbussey@gte.net>
54) [37851] R/S mini pwr sply
by dave_epps@juno.com
55) [37852] ChromaSound product annoucement
by "George Goodroe" <goodroe@worldnet.att.net>
56) [37853] Re: Yesterdays Contest
by John Watrous <jwatrous@groucho.santarosa.edu>
57) [37854] PatComm PC-9000 XCVR.
by "Vincent Ferme" <vferme@sprint.ca>
58) [37855] Electronics 2000 volume 2 CD.
by "Vincent Ferme" <vferme@sprint.ca>
59) [37856] Mal's stuff for sale.....
by "Malcolm Bussey" <mbussey@gte.net>
60) [37857] SW40+
by "Art Neilson, KH7PZ" <art@hawaii.rr.com>
61) [37858] Re: SW40+
by Jeff Johns <jeffj@scott.net>
62) [37859] Re: SW40+
by Jeff Johns <jeffj@scott.net>
63) [37860] re: SW40+
by Macstein@aol.com
64) [37861] NE-QRP Meeting
by malman@world.std.com (Joel Malman)
65) [37862] How sweet it is. Mosley TA-33 revisited
by pmk@juno.com

Date: Sat, 10 Apr 1999 18:01:48 -0500
From: Goemans <jgoemans@facstaff.wisc.edu>
To: qrp-1@lehigh.edu
Subject: [37798] Re: Unique "Micropaddle"
Message-ID: <3.0.2.32.19990410180148.006b0180@facstaff.wisc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:36 PM 4/10/99 +0000, you wrote:

>Howdy,

>

>I picked up a copy of the Jan, '99 Nuts and Volts at a local swap
>meet today. In it I found a review of a neat little paddle made by
>K9LU called the "MicroPaddle".

>

>What's unique about this is it uses one of those heavy duty spring
>paper clips for the mech. You know, the kind with the two fold out
>tabs? He uses what looks to be the smallest clip available. It's
>simply clipped to a wooden post and brass buttons attached to the tabs
>for finger pieces. Looks like maybe some rubber for the "springs" and
>regular paper clips for the contacts. To finish it off, there are
>three suction cups on the bottom of the wooden base to hold it down.
>The base looks to be a triangle about 2" on a side. Can't weigh
>much.

>

>The reviewer said it works pretty good. It's also cheap, under \$20.00
>for a built one (\$19.95?) and \$10.00 for a kit. Even includes 30"
>cable and plug. Could be an ideal backpackers paddle.

Yep,

Played with one today again at AES Superfest in Milwaukee. It is
VERY light and actually easy to use and send with.. They are always
displayed hooked up to my pal Gary W9XT (Unified Microsystems)'s
little portable memory keyer. Another good product!

On the way home made 10 or so mobile QRP ARCI contest contacts,
but boy is it rough driving and scribbling in a contest situation!

72, Paul

Paul Goemans WA9PWP
1508 Sundt Lane Stoughton, Wi 53589

Date: Sat, 10 Apr 1999 19:13:31 -0400

From: Bob Edwards <w4ed@flash.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [37799] ARCI'test & Small Loop
Message-ID: <370FDB1B.82C212@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Made 41 QSOs in 5 five hours, not trying very hard this time.

Used a small (55" sq.) loop made from junk window screen spars.

If interested, I put some images on following www page.

http://www.qsl.net/w4ed/rbe_fd.htm

K2'rs, same page, check out the turbo charged air-intake my K2 hood !
Yes it does serve a purpose.

--

Bob	72/73	/
	Z'# 114	/
		/ \
http://www.qsl.net/w4ed		/ / E \
W4ED nr Atlanta @EM73wt		/_ /____ __\
...."QRP", more from less....		[\-----/

Date: Sat, 10 Apr 1999 18:28:53 -0500
From: Michael Melland <badger@vbe.com>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [37800] Re: Unique "Micropaddle"
Message-ID: <370FDEB5.16F9@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Steven Weber wrote:

>

> I found a review of a neat little paddle made by
> K9LU called the "MicroPaddle".

>

Funny you should mention this..... I was one of the exhibitors at Amateur Electronics Supply's Superfest today in Milwaukee and not only had a chance to see these little paddles but to use them. They are pretty neat ! And very small the action is much better then you would think in looking at them. I'm going to build a set for qrp camping this summer asap. They are also coming out with a set mated with velcro to a base and one of the "new" Unified Microsystems XT-4 battery powered memory keyers (<http://www.qth.com/w9xt>). BTW I also tried out this little keyer.....it's also very NICE, very light, small and works great. I think W9XT also has a link to the little paddle makers page (friends).

73

--

Michael Melland, W9WIS
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656,
QRP-ARCI #9875, AK/QRP #478, NorCal
CW, SSB, and Electronics
List Administrator: grundig@qth.net
<http://www.qsl.net/w9wis>

Date: Sat, 10 Apr 1999 17:32:20 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [37801] SB Certificate
Message-ID: <Pine.LNX.3.95.990410170824.23706A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well folks I arrived back home from the annual Moose Jaw flea market and it was another fb get together as usual....I renewed friendships with people I hadn't seen over the past year, poured over and pawed through good junque and bad junk....was tempted to buy but fought it (Bonnie is SO proud of me)....I'm sure some of you will recognize this as the 'ol "set her up for the next time" trick using the money I received for selling some of my "fleas" today....learned another equipment trick from another ham; he only buys "fleas" that he can stuff into his pockets which enables him to walk into his house with "nothing visible"....a limited method but effective nonetheless....heh,heh...Earl, VE6EWM, was there from Bassano, Alberta....Earl helped me lug my junque into the flea market....he's an outstanding gentleman for sure...while we were eyeballing he showed me his very handsome epiphyte for 80 mtrs SSB....he even made his own case for it and that is a fine job all by itself...I had to apologize for my drool and wipe it off....Earl did a GREAT job on his epiphyte...he also showed me the first actual Canadian QRP Spring Bouquet

certificate I've ever seen in full living color which Mary, WN6HYX had mailed to him....the example on the QRP-Canada Web page doesn't do Mary's work justice folks.....believe me, you want this one!...this is going to be the most colorful & beautiful certificate you'll have on your shack wall....and I wore my QRP-Canada T-shirt for the first time in public and it was well received...everyone liked it; even the QRO people :-)...so kudos to Ken La Rose, VE3ELA, designer and creator of the QRP-Canada T-shirts... all in all another fine flea market and as always it was the people who made it a success....so hats off to the Moose Jaw Amateur Radio Club for another great time enjoying amateur radio....

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan. Canada
"QRP! How sweet it is!"

Date: Sat, 10 Apr 1999 20:09:52 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <dbullard@negia.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <wlreed@viaduct.custom.net>
Subject: [37802] Re: QSL Maker
Message-ID: <007201be83af\$fb09ee00\$010044c0@mdp23b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: D Bullard <dbullard@negia.net>

>I ran into the same problem and finally figured out that I needed to
>include the complete path to the image. Example: C:\MyImages\Photo.bmp
>(It may seem obvious in retrospect but for some reason it wasn't
>at the time.)

This is one of the biggest problems people have - I'm going to have to do something about that. I always move my pictures into my QSLMaker directory so I tend not to see it. But I'll be looking at that in 2.2!

Another thing about pictures - the help file has a lot on this, but make sure the picture is the same 'shape' as your card. If you use a square picture, it will be stretched you'll look pretty fat! On the other hand, if you want to loose some weight, make the picture about 3 times as wide as it is high ;-))

Another little trick - the picture will print better if it's resolution is an exact multiple of your printer's. Most printers these days are 300 dots per inch, which translates to 1050 pixels high by 1650 pixels wide. Since your printer will use an area of several dots to dither (unless you have a fancy analog printer) an image a lot smaller can be used with no sacrifice in quality. If you choose 1/3 of that size, 350x550 pixels, not only will it work well printing, but if your screen is 100 dpi (which many are) the display on the screen will be a lot faster, too.

>Even if you only have an ink jet or laser printer that prints black, you
>should give QSL Maker a try. My hat is off to WB8RCR.

Thanks Don!

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sat, 10 Apr 1999 19:07:19 -0500
From: "chris cieslak" <ccieslak@law.uiuc.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [37803] NC20 success!
Message-ID: <002501be83af\$44816a00\$8cba9acf@ais.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

finally got the nc20 finished... works great! heard the TX on my IC706mkII... WOW! it has a beautiful tone to it! no chirp (i didn't replace any of the regulators). Worked a VE3, a massachusetts station, and others, then stepped in the middle of the qrp arci contest (wow, is it mid-april already?) duhhhhhhhhh.... i must have looked like lid a-#1 out there, but after a kindly tester was patient enough to send me the exchange a couple times, i jumped in and worked a whole bunch of folks with it! what a great little rig! A big TNX to all involved in the project... now down to the basement to paint it...

72/7

Date: Sun, 11 Apr 1999 01:49:21 -0400
From: pmk@juno.com
To: qrp-1@lehigh.edu
Subject: [37804] pmk: Mag wire! Who need some ???
Message-ID: <19990411.015010.3574.3.pmk@juno.com>

Did anyone send me anything on the mag wire deal. I have not seen anything in the mail.

I had some replies but not seen anything yet.

If you did send any monies please let me know ???

72 de Patrick KD4OBQ

AR
<http://www.qsl.net/kd4obq/>
pmk@juno.com for faster service.
----- Begin forwarded message -----
From: pmk
To: qrp-1@lehigh.edu
Subject: Mag wire! Who need some ???
Date: Sat, 20 Mar 1999 04:56:11 -0500
Message-ID: <19990320.051056.3894.0.pmk@juno.com>

I guess I am so lucky as to have a big supply next door to me. I usually buy from a surplus house but there is a electric motor repair shop next door. I can check and see if he can get wire cheap and just roll it up and put it in envelopes (say 20' each) and sell it to list members for a buk or so.

If I get a lot of response I will do it. If I just get a hand full I can fill those orders with what I have here in the shack.

72 de Patrick KD4OBQ

AR
<http://www.qsl.net/kd4obq/>
pmk@juno.com for faster service.
----- End forwarded message -----

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 10 Apr 1999 18:06:30 -0700
From: Wayne Burdick <n6kr@elecraft.com>
To: bigdawg74@juno.com
Cc: qrp-1@lehigh.edu, elecraft@qth.net, qrpbob@datatamers.com, radman@best.com
Subject: [37805] Re: Assembly Notes for Kits--NO WATER SOLUBLE SOLDER, PLEASE!
Message-ID: <v03102809b3359d01fdd5@[206.169.228.39]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Brad,

Thanks for your assembly tips--most of them were excellent. But I'm afraid I have to disagree very strongly with your recommendation to use water-soluble flux solder.

We had a couple of K2 builders use this type of solder and they had no end of trouble trying to get the flux off. Several hundred e-mail messages and phone calls later, I can assure you that it's nothing but trouble for kit builders.

In my opinion, water-soluble flux solder should only be used in industrial assembly environments under controlled conditions. In such settings manufacturers *must* clean their boards AND they must comply with state environmental regulations, which leaves them with little choice but to use a non-toxic cleaning agent. But the detergent, hot water, and other steps you recommend just are not compatible with home assembly. Most kits are NOT designed with immersion or hot water sprays in mind, and in some cases boards have a few parts on the bottom, right in the line of fire. Slug-tuned inductors, some pots, and many other components commonly found in these assemblies will not withstand the cleaning technique you suggested.

Our K2 builders became extrememly frustrated when they discovered that even a trace amount of flux residue could cause high-impedance circuits to fail. I had to troubleshoot one of the affected boards, and I spent hours chasing invisible streaks of the stuff. The owner of the kit then spent a huge amount of time doing further cleaning--and it could all have been avoided.

For kit assembly, we recommend ONLY the following product (in GIANT LETTERS, LIKE THESE, ON A SEPARATE PIECE OF PAPER YOU SEE WHEN YOU OPEN THE KIT):

Kester 245 Electronic Silver Solder ("no clean"),
.031" diameter,

Mouser #533-24-7150-0027 (and other suppliers)

This type of solder produces a very clean board and requires NO cleaning of any kind. We advise builders to use no cleaners, solvents, and above all, NO water-soluble flux solder.

73,
Wayne Burdick
N6KR

Date: Sat, 10 Apr 1999 21:12:01 -0400
From: "Arch Jenkins" <beaks@westco.net>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [37806] Spring things to part with
Message-ID: <008801be83b8\$4f576020\$2cdc0bd0@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well gang, after suffering a little set-back in the health and being stuck at home for awhile, I have been looking around and have the following items to sell before they go to the "E word"

Oak Hills QRP Classic, 20/40 meters with keyer installed..bought from member here and works/looks great. \$125.00

40 meter mobile, Swan solid state MB40...unique, havent seen another. Covers 7.000 to 7.3000 SSB and CW. (manual TX/RX on CW) Does 0-50 watts CW and about 20 SSB. Size, appearance of the older 23 channel mobile CB's. Sounds like a full size base unit and good reports on the transmit audio without asking. Copy of manual and (7/77 date) and mic (not original) Looks, works nice...\$200.00 (analog dial with 2 speed tuning clutch) Cigarette lighter plug on the power cable.

Still have the Datong FL-1 audio filter, lots have asked for a price so how about \$45.00?

Maybe more will follow in the next couple days....thanks for looking and please email me direct for any info.

Arch N8EAG beaks@westco.net

Date: Sat, 10 Apr 1999 20:16:41 -0500
From: "Bob Gobrick" <rgobrick@worldnet.att.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Cc: "MNQRP-L" <mnqrp-l@qth.net>
Subject: [37807] N0EB Spring Cleanup
Message-ID: <000001be83b8\$f4e93d60\$35834b0c@w6f0e4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRP-L Gang,

Well things have got out of hand - I need to do some spring cleaning in preparation for my new shack. So here goes - 1. I will respond to all inquiries; 2. please send me your full name and mailing address with your offer and 3. I will make my decision based on a first come email post marked offer. Thanks 73/72 Bob N0EB.

Please reply DIRECT to me at N0EB@att.net - no QRP-L postings if possible - hi.

1. NorCal NC-20 20 Meter CW Transceiver Kit - Brand New, unopened. With 10 turn tuning pot \$100.
2. NorCal K8FF Paddle Kit - late close spaced model - Brand New, unopened. \$35 (was that the price?)
3. Steve Weber SA/SA MRK II Spectrum Analyzer Kit - Brand New kit, unopened. Classic Unit. \$100
4. Emtech ZM-2 Z Match Antenna Unit Kit with Case - Brand New kit, unopened. \$45
5. KnightSMiTe 80 meter SMT Transceiver kit - Brand New kit, unopened. \$10
6. Columbus (OH) QRP Club CQrp MRX-40 QRP 40 meter receiver - Brand New kit, unopened. \$18
7. New Jersey QRP Club Rainbow Tuner 30/40 M with SWR Indicator. Brand New kit, unopened. \$25

Cheers 73/72 Bob N0EB Stillwater, MN

Date: Sat, 10 Apr 1999 21:29:50 -0400
From: "George Heron" <n2apb@erols.com>
To: "NJ-QRP" <njqrp@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [37808] New "DSW" photo on Atlanticon web page
Message-ID: <01fd01be83ba\$d4ce5400\$accfaccf@herong>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

NN1G just gave me an updated photo of the pcb for his new "DSW"
DDS-controlled monband xcvr rig ... you can see it from the Atlanticon web
page "photo gallery" (<http://www.njqrp.org/atlanticon/>)

OR you can see the JPEG image directly at:
<http://www.njqrp.org/atlanticon/dsw.jpg>

This is one very cool looking board. As I understand, the project is in
beta test at several sites ... I can't wait to get my hands on this one!

73, George N2APB
n2apb@amsat.org sometimes in Sparta, NJ

Date: 10 Apr 99 19:04:33 MST
From: John Pate <kb4utv@netscape.net>
To: qrp-l@Lehigh.EDU
Subject: [37809] WTD:MFJ9406
Message-ID: <19990411020433.3542.qmail@www0m.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Looking for a MFJ 9406 10 watt, 6 meter rig. If anyone has one or know o=
f one
available, please let me know. 72's John KB4UTV

Get your own FREE, personal Netscape WebMail account today at <http://webmail.netscape.com>.

Date: Sat, 10 Apr 1999 19:48:09 -0700
From: Thomas Kuehl <ac7a@uswest.net>
To: n6kr@elecraft.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [37810] Re: Assembly Notes for Kits--NO WATER SOLUBLE SOLDER, PLEASE!
Message-ID: <37100D69.9A8D1767@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Wayne:

I must confess that I encouraged Brad to share his knowledge regarding the water soluble flux, and the practices associated with its removal, with the QRP-L subscribers. He has a good deal of experience setting up the assembly lines at electronic manufactures who produce products for the medical and optoelectronics industries. They successfully employ the various soldering processes that Brad has put in place. He had encouraged me to try the solder on my "to be delivered" K2 (oh the pain of waiting).

But based on the horror stories you have related, I for one, will now only use the prescribed solder and not worry about removing the "no clean" flux residue.

Best Regards, Thomas - AC7A

Wayne Burdick wrote:

> Brad,
>
> Thanks for your assembly tips--most of them were excellent. But I'm afraid
> I have to disagree very strongly with your recommendation to use
> water-soluble flux solder.
>
> We had a couple of K2 builders use this type of solder and they had no end
> of trouble trying to get the flux off. Several hundred e-mail messages and
> phone calls later, I can assure you that it's nothing but trouble for kit

> builders.
>
> In my opinion, water-soluble flux solder should only be used in industrial
> assembly environments under controlled conditions. In such settings
> manufacturers *must* clean their boards AND they must comply with state
> environmental regulations, which leaves them with little choice but to use
> a non-toxic cleaning agent. But the detergent, hot water, and other steps
> you recommend just are not compatible with home assembly. Most kits are NOT
> designed with immersion or hot water sprays in mind, and in some cases
> boards have a few parts on the bottom, right in the line of fire.
> Slug-tuned inductors, some pots, and many other components commonly found
> in these assemblies will not withstand the cleaning technique you suggested.
>
> Our K2 builders became extrememly frustrated when they discovered that even
> a trace amount of flux residue could cause high-impedance circuits to fail.
> I had to troubleshoot one of the affected boards, and I spent hours chasing
> invisible streaks of the stuff. The owner of the kit then spent a huge
> amount of time doing further cleaning--and it could all have been avoided.
>
> For kit assembly, we recommend ONLY the following product (in GIANT
> LETTERS, LIKE THESE, ON A SEPARATE PIECE OF PAPER YOU SEE WHEN YOU OPEN THE
> KIT):
>
> Kester 245 Electronic Silver Solder ("no clean"),
> .031" diameter,
> Mouser #533-24-7150-0027 (and other suppliers)
>
> This type of solder produces a very clean board and requires NO cleaning of
> any kind. We advise builders to use no cleaners, solvents, and above all,
> NO water-soluble flux solder.
>
> 73,
> Wayne Burdick
> N6KR

Date: Sat, 10 Apr 1999 00:18:47 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [37811] weird sound on 7Mhz
Message-ID: <3.0.5.32.19990410001847.007ca100@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

 this is the damndest sound I've yet heard.
starts about 7.152 and up a little from there.
04:15 it stopped. It sounded like a drunk bird. I mean some really weird

chirpping type noise. It had a pattern that was kinda like low freq then slightly higher, and back to low then dropped even lower and finally a mashine gun type sound at one freq.
It was really weird and hard to describe. it jus suddenly stopped and was not replaced with anything else or no other sigs came up.
Wow, sounded like the Marcians were trying to communicate or this is some new mode being tested.
The bird mode. hmmm, I kinda like the drunk bird thought myself.
Wonder what a drunk bird would sound like<g>.

72 de Scott/n3byy
Laurel MD

Date: Sat, 10 Apr 1999 22:05:15 -0500
From: Goemans <jgoemans@facstaff.wisc.edu>
To: qrp-1@lehigh.edu
Subject: [37812] I fondled a Mercury today!
Message-ID: <3.0.2.32.19990410220515.006975dc@facstaff.wisc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi again,
Forgot to mention, at AES Superfest in Milwaukee today, Bencher had a small table there. On the table was a "pre-production" Mercury Paddle! It looked and felt nice! It was not however connected to a keyer/oscillator :-(Start saving those pennies, only \$495 !!

72, Paul

Paul Goemans WA9PWP
1508 Sundt Lane Stoughton, Wi 53589

Date: Sun, 11 Apr 1999 03:38:27 +0000
From: Brian Short <bshort@speedchoice.com>
To: qrp-1@lehigh.edu
Subject: [37813] Unusual Requests...
Message-ID: <4.1.19990411033420.01c12430@mail.phoenix.speedchoice.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Due to circumstances far too complex to fully

elaborate in this public forum, I find myself in need of the following items:

- 1) LDG case for QRP auto-tuner
- 2) Top cover for Wilderness Sierra
- 3) Sierra front panel (for KC-2)
- 4) Misc Sierra band modules (30m, 17m, 12m, 15m, etc)

Thanks, Brian

--

Microsoft announced today that the official release date for the new operating system "Windows 2000" will be delayed until the second quarter of 1901.

--

Brian Short, K7ON 1994 E Laguna Dr Tempe, Az 85282
bshort@speedchoice.com >or< <http://www.qex.net/k7on/>

--

Date: Sun, 11 Apr 1999 00:05:21 -0400
From: Jerry Henshaw <jhenshaw@bellsouth.net>
To: "'elecrafft@qth.net'" <elecrafft@qth.net>, "'QRP List'" <qrp-l@Lehigh.EDU>
Subject: [37814] Re: Radio Shack Switching Power Supply
Message-ID: <01BE83AE.FEEAC720@host-216-77-209-57.fll.bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

Wayne Burdick asked if the R/S power supply could be adjusted to 14.0 volts. There are no pots inside the power supply.... so without a schematic I don't know if one could adjust the output voltage by changing some components or adding a pot.

I have made the first mod to the R/S power supply in that I added two small binding posts with banana jacks. I didn't like the spring clip bare wire

connectors or the cigarette lighter plug. I bought a package of 4 (two red and two black) binding posts with banana jacks from R/S (#274-661A). I used one of the black posts for the ground connection on my K2 ... works great. I mounted the two posts on the top half of the R/S clam case just above the rear mounted spring clips. I find it much easier to attach my power cord to the binding posts with alligator clips.

Does anyone know the procedure to buy a maintenance manual or schematic for one of these units? It needs to be 14.0 volts to charge the K2's internal battery. Mine is 13.89 volts measured at the output terminals and 13.6 volts measured by the K2's internal DVM.... the K2 is measuring the voltage after the IR losses of the power cable.

The power supply works great ... now if I can only raise the output to 14.0 volts.

72's

Jerry Henshaw
KR5L/4

Date: Sat, 10 Apr 1999 17:33:59 -0500
From: k5zty@juno.com
To: bigdawg74@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [37815] Re: Assembly Notes for Kits
Message-ID: <19990410.230658.11622.0.k5zty@juno.com>

Here we go again. To clean or not to clean. We've ridden this horse to death about every 4 months for 5 years.

Bill, K5ZTY

>3. Always clean your PCBA. All but the "No-Clean" flux is loaded
>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 10 Apr 1999 22:17:13 -0500
From: k5zty@juno.com
To: we6w@qsl.net
Cc: qrp-1@Lehigh.EDU
Subject: [37816] Re: Linear Loaded antennas.
Message-ID: <19990410.230658.11622.1.k5zty@juno.com>

Dearest Gangue,

The talk about linear loaded antennas prompted me to ask this one. I bought a Butternut HF6V some years ago and mounted it on my roof. They had an accessory kit for elevated mounting that included what they called Stub Tuned Radials. They were made out of 300 ohm twin lead and one radial covered the 40,20, 15 and 10 meter bands. They were only about 30 feet long and they worked great. I now have replaced that vertical with a HF2V for 40 and 80. I surely would like to have some short twin lead radials to cover those bands. When Butternut was Butternut I could call them and talk to their engineers and they were glad to help with problems. Now that Bencher has the label I don't get much help. Does anyone on this list know how they figured out those Stub Tuned Radials?

Bill, K5ZTY
Houston, TX
k5zty@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 10 Apr 1999 23:18:59 -0500 (EST)
From: bkobie@webtv.net (patrick obrien)
To: qrp-1@lehigh.edu

Subject: [37817] 4 sale
Message-ID: <13195-371022B3-21282@mailtod-142.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

mint norcal 40a
qsl k8len/ email address above

Date: Sat, 10 Apr 1999 21:22:05 -0700
From: Wayne Burdick <n6kr@elecraft.com>
To: Thomas Kuehl <ac7a@uswest.net>
Cc: bigdawg74@juno.com, qrp-l@lehigh.edu
Subject: [37818] Re: Assembly Notes for Kits--NO WATER SOLUBLE SOLDER, PLEASE!
Message-ID: <v03102805b335d2f35b47@[206.169.228.75]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Thomas (and Brad),

Thanks for the background on the e-mail. Brad's advice is solid for big PCB manufacturers, and perhaps skilled practitioners can be found among home builders as well. But I think most builders will, in the end analysis, have better luck with the "no-clean" product.

73,
Wayne

>Hello Wayne:

>

>I must confess that I encouraged Brad to share his knowledge
>regarding the water
>soluble flux, and the practices associated with its removal,
>with the QRP-L
>subscribers. He has a good deal of experience setting up the
>assembly lines at
>electronic manufactures who produce products for the medical
>and optoelectronics
>industries. They successfully employ the various soldering
>processes that Brad
>has put in place. He had encouraged me to try the solder on
>my "to be delivered"

>K2 (oh the pain of waiting).
>
>But based on the horror stories you have related, I for one,
>will now only use
>the prescribed solder and not worry about removing the "no
>clean" flux residue.
>
>Best Regards, Thomas - AC7A
>

Date: Sun, 11 Apr 1999 00:43:51 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: cw@qth.net
Cc: qrp-1@lehigh.edu
Subject: [37819] Hi-Mound MK708 for sale
Message-ID: <3.0.5.32.19990411004351.007c7c80@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well I no longer need this key so am selling it for \$45 shipped.
If interested, please drop me a note to whowell@mail.hq.nasa.gov

tnx es 73 de Scott/n3byy
Fists #5030
Laurel MD

Date: Sun, 11 Apr 1999 00:12:52 -0500
From: The Boices <boice@bigfoot.com>
To: qrp-1@Lehigh.EDU
Subject: [37820] [FS] JPS ANC-4 Noise Cancellor
Message-ID: <3.0.6.32.19990411001252.0091e300@mailbox.arn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A little more shack cleaning:

For Sale: JPS brand ANC-4 Antenna Noise Cancellor and matching AC power supply ("wall wart"). I bought this unit new last fall to combat an onerous local HF noise problem. It worked great until the noise suddenly disappeared about a month later, so it's no longer needed. I strongly recommed going to their web site (<http://www.jps.com/anc4.html>) and reading

up on this unit if you're interested. It has many features, too numerous to list here (let alone try to explain). Here is a quote from the JPS web site.

"The ANC-4 is an RF device designed to provide cancellation of locally-generated noise from signals received by a primary antenna. The unit is employed right at the antenna connector of the receiver or transceiver to cancel locally-generated noise, such as power line noise, computer or TV noise, noise from near by electrical equipment or machinery, BEFORE it gets into the receiver and affects the receiver AGC circuits. This will allow reception of signals well below the noise level induced by the local interference."

It also works as an active antenna for SWL, tho I haven't needed to use it for that. It has an internal, automatic T/R sensor, and so can handle being directly in-line for up to 250 watts PEP (not that I've ever tried that, either).

All in all, it's in great shape. Includes the unit, manual, beefy power supply (originally a \$15 option) & removeable whip antenna. New, these are \$170 - \$195 plus AC adaptor. Mine is like new and \$150 for all, plus actual shipping.

Please reply direct and not to the list.

73,

Mike Boice, KW1ND
Canyon TX
QRP-L # 576

Date: Sun, 11 Apr 1999 00:13:03 -0500
From: The Boices <boice@bigfoot.com>
To: qrp-l@Lehigh.EDU
Subject: [37821] [FS] Radio Shack DMM
Message-ID: <3.0.6.32.19990411001303.00926960@mailbox.arn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A little shack cleaning:

For Sale: Radio Shack manual ranging digital multimeter, model 22-181A. It was dropped from the catalog just this year, and mine is only about 2 years old. It looks very similar to, and has most of the features of, the current model 22-174 (mine doesn't do temperature or frequency).

It does do:
True RMS (vital for accurate AC voltage readings)
Capacitance to 400uf
Diode check
Transistor hfe checking to 40k
AC & DC current to 10 amps
VAC to 750v
VDC to 1000v
Auto-polarity lead inputs
Fused inputs (other than 10A current)
Big display with LCD bargraph and data hold function

It's worked just fine for me, but is now redundant to my other meters. Like new condition. Runs forever on 3 AA batteries. Includes original leads and manual.

I think it was about \$80 or \$90 new, but I'm only asking \$45, plus actual shipping. This would make a great first meter, or a handy extra meter for the shack or car.

Please reply direct, not to the list.

73,

Mike Boice, KW1ND
Canyon TX
QRP-L # 576

Date: Sat, 10 Apr 1999 23:12:51 -0700
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,
<jhenshaw@bellsouth.net>
Cc: <erics@elecraft.com>, "Wayne Burdick" <n6kr@elecraft.com>
Subject: [37822] Re: Radio Shack Switching Power Supply (longish...)
Message-ID: <199904110610.XAA04256@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Jerry & gang,

Good question re: how can the RS mini-switching PS be adjusted for 14V output voltage. There is no schematic furnished with the product. The RS product number (22-503) doesn't seem to exist yet on the Tandy/RS site. The

product is so new the manual may not be loaded on the web site. I'll call Tandy on Monday and see if I can get a FAX of the schematic.

Regarding what's inside the box... well, nothing that's *adjustable.* It would appear that changing component value(s) would be in order. My theory is component tolerance in the switcher results in slightly different output voltages if one compares unit to unit. My PS is 14.01 V as measured on my Fluke DMM. So, 14V is achievable. Just a matter of what needs a "tweak." This raises the question, "Are there any switching PS gurus on QRP-L?" (I'll disqualify myself in this area of expertise.)

How quiet is it? Well... tonight I removed the K2's top cover and placed the **unshielded** switcher on a piece of ABS plastic INSIDE the K2, directly on top of the RF board. I powered the K2 up and listened on all bands 80 - 10m. Most bands were remarkably free of any interference. Some noise on 80 and 40... then it was clear as a bell right on up the bands. This strongly suggests that a *well* shielded version of this PS could be installed in a QRP rig !

Jerry, your mods are great! Just what the PS needs. One could also remove the cigarette lighter plug, glue a piece of black ABS from the inside of the case to eliminate the cigarette hole and then install binding posts in the front panel. Dual posts for the K2 and LDG ATU... very cool ! There's a lot of room for mods.

If you guys open up the case on the RS unit, be careful in there! Lethal voltage is present on the PCB !

Be careful & have fun,

Conrad -- NN6CW

Hi Gang,

Wayne Burdick asked if the R/S power supply could be adjusted to 14.0 volts. There are no pots inside the power supply.... so without a schematic I don't know if one could adjust the output voltage by changing some components or adding a pot.

///snip///

Jerry Henshaw
KR5L/4

Date: Sat, 10 Apr 1999 22:05:36 -1000
From: "Art Neilson, KH7PZ" <art@hawaii.rr.com>
To: qrp-l@lehigh.edu
Subject: [37823] SW40+
Message-ID: <3.0.6.32.19990410220536.00877510@pop-server>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, I've got my newly built SW40+ pcb all shiny and bright, no flux on the bottom and ready to mount in the nice enclosure I purchased along with the kit. The small standoffs mount the board nicely in the bottom half of the enclosure below the level of the assorted connectors and pots. Unfortunately the threaded screw holes on the sides of the top half of the enclosure line right up with the height of the pcb. The screws cannot be seated fully because the pcb is in the way on both sides, is this the way it's supposed to be? I looked thru an odd assortment of screws I have laying around the shack and can't find any short enough with the right threading. Indeed, the screw would need to be awfully short to work. I think I need to get another set of standoffs which raise the board above the screw holes? How have other SW40+ builders circumvented this enclosure design problem? The enclosure is very nice, grey bottom and black top with nice lettering and marks for the gain and tuning knob...

```
  /-- )    _/_ It is a capital mistake to theorise before one has data.  
 /--/ _ _ /    Insensibly one begins to twist facts to suit theories,  
/ (_/ (_<__    Instead of theories to suit facts.
```

-- Sherlock Holmes, "A Scandal in Bohemia"

Arthur W. Neilson III, KH7PZ
Bank of Hawaii Tech Support
art@hawaii.rr.com

Date: Sun, 11 Apr 1999 08:27:53 -0400
From: "Perley Urquhart" <n1yuk@nemaine.com>
To: <qrp-l@lehigh.edu>
Message-ID: <005a01be8416\$b9f2da00\$6e4488d0@urquhart>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just finished putting together my NC-20. Something is not right with it.
Over my head in electronics! Need HELP. Is there anyone willing to give me
a hand in trouble shooting/fixing the thing. First venture into QRP.
E-mail direct please. Perley, N1YUK, #1936

Date: Sun, 11 Apr 1999 08:39:33 -0400
From: "Perley Urquhart" <n1yuk@nemaine.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [37825] Wanted
Message-ID: <000101be8418\$5b190340\$8f7461ce@urquhart>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Newbie to QRP - Looking for TenTec Argonaut 509. Email price and condition.
Cheap please! Perley

Date: Sun, 11 Apr 1999 14:58:57 +0200
From: "Ronald H. Evans" <rhevan1@ibm.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [37826] Items For Sale in Hamburg, Germany
Message-ID: <001001be841b\$0fd5b600\$a90c5c8b@deinet.rhevan1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gentlemen:
I have the following items for sale before I return to the states. If they
are not sold within the next three weeks they will go back with me. Kits
are not constructed and have no missing parts. All other items are in
excellent condition. Dollars or Deutsche Marks accepted. Priced in
Dollars.

TS-570D Kenwood Transceiver	\$1000.00
PS-40 Kenwood Power Supply for above	\$180.00
Auttek Research RF-1 Antenna Analyst	\$125.00
NorCal Paddle Kit	\$35.00
SW-40 by Dave Benson in factory Enclosure (assembled)	\$50.00
Murch UT-2000 Ultimate KW Transmatch. Good Condition	\$100.00
MFJ-259B HF/VHF Antenna Analyzer (Latest Model)	\$220.00
MFJ-264 1.5 KW Dry Dummy Load	\$55.00
KPC-3 Plus 128K Version 8.2 Kantronics TNC	\$120.00
NP7-12FR, 12V, 7AH Gel Cell	\$10.00

I have been a bit out of touch with the amateur radio scene especially here in Germany. If any prices are completely out of touch for here please let me know. 73, Ron, K4KTB, Hamburg, Germany.

Date: Sun, 11 Apr 1999 09:26:09 -0400 (EDT)
 From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
 To: QRP-L List <qrp-l@lehigh.edu>, gqrp@onelist.com, towertalk@contesting.com, antennas@qth.net, antennaware@contesting.com
 Subject: [37827] 2-meter half square notes
 Message-ID: <Pine.GS0.4.10.9904110922060.10965-100000@larry.cas.utk.edu>
 MIME-Version: 1.0
 Content-Type: TEXT/PLAIN; charset=US-ASCII

For those interested in uses of the half square as a vertically polarized 2-meter antenna, I have added notes on its use in parasitic beams--as well as the use of the bobtail curtain in similar applications. The notes are brief (presently the only entry in a new index category of VHF/UHF antennas), because details will someday appear in Communications Quarterly. When is not known, since they have had the articles for over 2 years, and the number of requests for information suggested that a few notes at the site are in order.

I hope they are useful.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\ /\ *	/ / /	(Off) (423) 974-7215
1434 High Mesa Drive	/ \ / \ /	----/\---	(Hm) (423) 938-6335
Knoxville, Tennessee	/\ \ \ \	/ / /	(FAX) (423) 974-3509
37938-4443 USA	/ \ \ \ \		cebik@utk.edu
URL: http://web.utk.edu/~cebik/radio.html			

Date: Sun, 11 Apr 1999 09:19:59 EDT
From: w4pj@w4bkx.ampr.org
To: qrp-l@lehigh.edu
Subject: [37828] 10M openings
Message-ID: <61057@w4bkx.ampr.org>

Look across the pond, and south to Capetown.
I just worked Lyle ZS1UOK with 2 watts ssb... 55 to 57 report.
Ol' Sol is getting his freckles back. Lot's of opportunities for
Novices and Tech Plus', but Lyle was up at 520... good reason to
study for the upgrade. The AM portion seems quiet (29 MHz).
Also, I figure I better get mooving on building that 6 meter beam...
There are some long distance 2m signals coming through this morning
and I just have a ringo at 40ft for PacketCluster and local repeaters.
Projects projects... I need to prioritize. Aw, the Marlins are playing
the Phillies today... I hope the greyline is still here when I get home <g>.

de Scott / W4PJ Ft. Lauderdale, FL <EL96vd> QRP-L #1585
Big antennas and low-loss feedline * DO * make a difference!

Date: Sun, 11 Apr 1999 08:00:05 -0600
From: Rod Cerkoney <rwc@frii.com>
To: DYARNES@aol.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [37829] Re: Radio Shack Switching Power Supply
Message-ID: <4.1.19990411074616.00992ad0@mail.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 02:36 AM 4/9/99 -0400, DYARNES@aol.com wrote:
>Hi All,
>

>Well, I finally got a peek at the RS 3 amp switching power supply. It is in
>their current catalog, but I had never seen it in any of the stores until
>today. It's small, it's light weight (I mean really light weight), it has
>both a bare wire connector set and a cigarette lighter plug connector, and
>it's \$49.95. No meter.

Thanks for the tip. I found "ONE" here in Fort Collins, bought it, brought
it home & checked it out. 13.9V, no-load. On a scope there is about 0.5Vpp
switching hash, while connected to my Norcal 40A, in RX mode. Keydown
full-power the hash jumps to abt .8-.1Vp-p. DC voltage drops 0.1 maybe 0.2vdc.

That done I put it on the air, powering my NC20 & NC40A for some QRP ARCI
Spring QSO party fun. Running 1W on each band I'm getting excellent sig
reports. BTW this is my first 'test, having fun & doing OK, 22 states, ~30
QSOs, all at 1W on 15, 20 & 40M, OP time ~10hrs.

Anyway, I think this RS supply is a keeper. I'll do more tests on the
Vdc-out & ripple, on my rigs, later this week.

72/3 NØRC
Rod Cerkoney, QRP-L #1764.
Fort Collins, CO
da di dah

Date: Sun, 11 Apr 1999 07:19:20 -0700 (PDT)
From: Ron Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [37830] ARCI Contest
Message-ID: <Pine.SOL.3.96.990411071645.706B-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

The bands were a bit funny yesterday. Some sig's were very
strong and others were just in the noise. 10m never did do
much here.

I hope everyone can come play for at least a little while
today. This is a good time to check out all those little
QRPTTF box's before the heat of the battle! :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 11 Apr 1999 10:36:59 -0400
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etcusa.cu>
To: <qrp-l@LeHigh.edu>
Subject: [37831] RE: Half squares and Bobtails on 2 meters
Message-ID: <002f01be8428\$c2d8d0e0\$04000a0a@inforhc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

First learned about the use of BOBTAIL CURTAIN on the 2
meter band via a British magazine, Practicall Wireless I think is
the name.

My question for our shared vital resource on this list... (Everyone
knows that I am talking about L.B. , of course)

According to what I have learned about BOBTAIL antennas, they
do need the GROUND BELOW them for pattern formation...

SO, if I build a Half Square (which after all is sort of a short form
version of a Bobtail) or, build a Bobtail and install it at say
5 wavelengths above ground... What happens to the VERTICAL
radiation pattern ?

I did test the easy to build, all grounded for DC British Bobtail
design... and it worked well, with a nice figure 8 pattern, and
the gain very near or better than a 3 element YAGI...

The feed was made using the CENTER element as part of
a J pole, then the connection to the outer elements was made
using aluminium tubing , 1.03 meters to each side (half
wavelength... The "outer" elements made of aluminium tubing
and 49 centimeters long each...

The three elements are " active", but maybe our guru will
kindly talk to us about current distribution ... How much current
does the J pole style fed center radiator takes, and how much
(little) current reaches the outer elements that are fed via
the "overhead" single "WIRE" transmission line ????

I am sure that almost everyone on this list appreciates L.B's

contributions to our understanding of antennas, which are essential to radio, and of course more than essential for QRP work...

BTW, we are just now enjoying a fantastic tropo-duct... Working stations 700 kilometers away on 2 meters running the HT at the 1 watt power... and just a J pole

Arnie Coro C02KK
Host of Dxers Unlimited
Radio Habana Cuba
e-mail:arnie@radiohc.org
e-mail:inforhc@mail.infocom.etecsa.cu
Postal address:
Prof. Arnaldo Coro Antich
La Torre no.127 entre 35 y 37
Nuevo Vedado, Plaza
Ciudad Habana , 10600
CUBA

Date: Sun, 11 Apr 1999 10:28:30 -0700
From: w4bws@juno.com
To: jhenshaw@bellsouth.net
Cc: qrp-1@Lehigh.EDU
Subject: [37832] Re: Radio Shack Switching Power Supply
Message-ID: <19990411.110502.-143545.0.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If you go to the Rad Shack store and give them the model number of the power supply, they can look on the computer data base for the model number of the service manual and you can pay for it and it will be sent to your home address. I have ordered several manuals this way.

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

On Sun, 11 Apr 1999 00:05:21 -0400 Jerry Henshaw <jhenshaw@bellsouth.net> writes:

>Hi Gang, Wayne Burdick asked if the R/S power supply could be
>adjusted to 14.0 volts. There are no pots inside the power supply

>.... so without a schematic I don't know if one could adjust the
>output voltage by changing some components or adding a pot.
>
>Does anyone know the procedure to buy a maintenance manual or
>schematic for one of these units?
>
>72's
>Jerry Henshaw
> KR5L/4
>
>

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

Date: 11 Apr 1999 09:54:10 -0700
From: K0su@kktv.com
To: qrp-l@Lehigh.EDU
Subject: [37833] WAS-QRP
Message-ID: <199904111547.LAA174704@nss4.cc.Lehigh.EDU>

The ARRL does not require that QSL cards be marked /QRP or any other particular markings in order to qualify for that particular award. Their comment is that the signature of the operator applying for the award is sufficient to qualify a person for that particular award. If you are applying for a particular band or mode award that must be indicated on the QSL cards however.

73,

Rick
K0SU
Colorado Springs, CO
CQC #100 -- QRP-L #539
www.qsl.net/k0su

Date: 11 Apr 1999 09:54:12 -0700
From: K0su@kktv.com
To: qrp-l@Lehigh.EDU
Subject: [37834] QRP/QRO items for sale
Message-ID: <199904111547.LAA26226@nss4.cc.Lehigh.EDU>

I am doing a bit of cleaning out and have the following items for sale.

ICOM 725 HF rig with 500 Hz crystal CW filter. Has just been checked out by ICOM. Adjustable to less than 5 watts out. \$450

Ten-Tec 6 Meter transverter. 20 meter IF. About 8 watts out. Works very well. Gives you all of the features of your HF rig on Six Meters. \$60

Six meter solid state amplifier. 100 watts out. Designed & built by N4LTA. \$75.

Package deal on the six meter equipment. \$125

E-mail me direct or call 719-531-9423 before 9 PM Mountain time.

Rick
K0SU
Colorado Springs, CO
CQC #100 -- QRP-L #539
www.qsl.net/k0su

Date: 11 Apr 1999 10:21:32 -0700
From: K0su@kktv.com
To: qrp-l@Lehigh.EDU
Subject: [37835] QRP/QRO items for sale
Message-ID: <199904111614.MAA187386@nss4.cc.Lehigh.EDU>

The Ten-Tec 6 Meter Transverter has already been spoken for.

Amazing!!

73,

Rick
K0SU
Colorado Springs, CO
CQC #100 -- QRP-L #539
www.qsl.net/k0su

Date: Sun, 11 Apr 1999 12:27:26 -0400 (EDT)
From: "L. Jeffrey Hetherington" <jhetheri@npiec.on.ca>
To: Earl Murphy <earlmurf@telusplanet.net>
Cc: Canadian QRP List <qrp-canada@lists.gpfn.sk.ca>, Multiple Recipients of List

<qrp-1@lehigh.edu>
Subject: [37836] Spring Bouquet -- Ontario Trillium on 40m
Message-ID: <Pine.SGI.3.96.990411122350.24099A-100000@nev.npiec.on.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello All!

I will once again be trying to give out the Ontario Trillium (please no thunderstorms this week ;)) Here is the pertinent information:

CG3JFF 7.114 +/- April 13/99 2200Z-2400Z

I will use my high-powered (3 Watt) HW-8. The extra couple watts might help a little. My low-powered (1 Watt) HW-8 just didn't have the punch on the last go round.

73/72, See Ya on Tuesday Nite.
 Jeff - VA3JFF
 <http://www.geocities.com/Colosseum/2572/QRP.html>

Date: Sun, 11 Apr 1999 09:41:37 -0700
From: Bradford D Bilbrey <bigdawg74@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [37837] Yesterdays Contest
Message-ID: <19990411.094137.11830.0.bigdawg74@juno.com>

Hello All;

Yesterdays QRP Contest was the first CW QRP contest that I have ever partisipated in. The question is how to gauge one's performance. I would appreciate any and all opinions as to what measure of success should be expected. I propagation seemed strange with signals fading in and out, and 14.060 going from several signals to silence. In light of the propagation, low power and my less than adaquate CW skills, I am wondering what would be a good measure (other than having fun) of performance. I operated for a period of 2 1/2 hours at a casual pace, and only made 16 contacts. Is this to be expected or am I being too casual in my approach?

Regards
Brad KE7MU QRPL # 1912, ARS #537, OHR-400

"In God we trust, All others bring data" unknown

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 11 Apr 1999 11:58:36 -0500
From: Chuck Carpenter <w5usj@unicomp.net>
To: bigdawg74@juno.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [37838] Re: Yesterdays Contest
Message-ID: <3.0.1.32.19990411115836.0068f550@mail.unicomp.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Brad,

I did about the same thing in and out of other chores. Actually, if you're talking about the ARCI contest, it extends over 36 hours and you can work any 24. There probably isn't a good measure for degree of casual. But you might get a gage by knowing what someone like Bob Patten, N4BP, did for a similar period of time.

72/73, Chuck, W5USJ, Point, TX EM22cv -- ARCI #5422 QRP-L #1306

Date: Sun, 11 Apr 1999 12:06:26 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [37839] Six Meters
Message-ID: <3710D692.E810E639@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

What with QRP 6-meter activity picking up, can anybody point me toward a listing of 6-meter repeaters in the Dallas, TX area, including suburbs within a 30-40 mile radius of downtown?

Thanks, gang.

--

72/73, George
Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Date: Sun, 11 Apr 1999 13:12:38 EDT
From: J38AL@aol.com
To: qrp-1@lehigh.edu
Subject: [37840] Dale Resistor Question
Message-ID: <f1a701fb.24423206@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

I have two Dale Resistors - aluminum body with cooling 'fins' and holes for screw mounting. They are 100 ohm 50 watt 1% and have RH-50 on them. My question is are they inductive or non-inductive?? Could I parallel them for a 50 ohm dummy load??

Thanks,
72 AL N2ZHS
Scotia, NY

Date: Sun, 11 Apr 1999 13:39:17 -0400
From: mikemo@ibm.net
To: qrp-1@lehigh.edu
Subject: [37841] "Come over to the dark side"
Message-ID: <3710DE45.6A5DB324@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Is there anyone else on the list who is building the QRP amplifier from the March/April QST? Please email if you want to discuss it.
72 de ku4qo, Mike Maiorana, Palm Harbor, FL

Date: 11 Apr 99 14:01:45 EDT
From: Roy Lincoln <wa4dou@usa.net>
To: bigdawg74@juno.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [37842] Re: [Yesterdays Contest]
Message-ID: <19990411180146.21180.qmail@nw175.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Hi Brad,

A good measure of your performance is that its whatever it is! You can expect to do no more than whatever you do. If you want to you can compete with yourself in the future. Meaning you try to outdo your last effort next time.

Otherwise you're not in competition with anyone else unless you decided to be!

73 Roy WA4DOU-----

-----=
-

Hello All;

Yesterdays QRP Contest was the first CW QRP contest that I have ever partisipated in. The question is how to gauge one's performance. I would appreciate any and all opinions as to what measure of success should be expected. I propagation seemed strange with signals fading in and out, and 14.060 going from several signals to silence. In light of the propagation, low power and my less than adaquate CW skills, I am wondering what would be a good measure (other than having fun) of performance. I operated for a period of 2 1/2 hours at a casual pace, and= only made 16 contacts. Is this to be expected or am I being too casual in= my approach?

Regards

Brad KE7MU QRPL # 1912, ARS #537, OHR-400

"In God we trust, All others bring data" unknown

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Get free e-mail and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Sun, 11 Apr 1999 13:50:57
From: radioham@erols.com
To: qrp-1@lehigh.edu

Subject: [37843] QRP WAS
Message-ID: <3.0.1.16.19990411135057.4eff2556@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just to remind everyone, there is an alternative/additional QRP WAS award to the one issued by the ARRL. It is issued by the QRP-ARCI and detailed info on it can be found at www.qrparci.org. We don't require original or even copies of QSL cards. A list of contacts and relevant info witnessed by 2 hams that you do indeed have the proper back-up is all that is necessary. We do observe the 50 mile radius rule for all contacts, however, so no fair combining your contacts from LA and Boston.

Please see the web page or e-mail me if you want more information on our awards program.
Contests present a great opportunity to pick up those QRP states, even 2 way, an endorsement I am not sure the ARRL offers (though I could be wrong).

72/73,

Steve, N4EUK
QRP-ARCI Awards Manager

Date: Sun, 11 Apr 1999 13:51:19 -0700
From: Ken La Rose <kenlar@csolve.net>
To: qrp-canada@lists.gpfn.sk.ca
Cc: qrp-l@Lehigh.EDU
Subject: [37844] Spring Bouquet - Add to Your Collection!
Message-ID: <37110B47.5CEC@csolve.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRPers:

I will operate as a Trillium Flower Station on CW at 7045 kHz+ -, Monday evening (Tues. Apr. 13 01:00 to 03:00 UTC) as scheduled.

Join in the FUN, and earn a COOL colourful Certificate Award. Details can be found on the web at <http://www.rac.ca/bouquet.htm>

See you there!

72, de Ken VE3ELA Midland, On. Canada

Date: Sun, 11 Apr 1999 13:03:06 -0700
From: Marv Fagenson <k6hcj@juno.com>
To: qrp-1@Lehigh.edu
Subject: [37845] Troubleshooting the38 Special
Message-ID: <19990411.130306.-177683.0.k6hcj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My 38 Special has developed a "warble", not a chirp, not a drift. I can hear it on rx and you will hear it on tx. I am not sure where to look to cure the problem. It isn't power supply related, I've tried a few and a battery also.

I'm thinking 8v regulator or vxo area. I would like ur input before I tear into it because it's "finished" and in one of Doug's beautiful cases.

Folks, this lil rig has served me well for a year now and I truly enjoy using it along w/ Joe's Rainbow tuner. Amazing what joy simplicity will bring!

Tnx in advance, 72

Marv Fagenson
k6hcj@Juno.com

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 11 Apr 1999 10:17:09 -1000
From: "Art Neilson, KH7PZ" <art@hawaii.rr.com>
To: qrp-1@lehigh.edu
Subject: [37846] Re: SW40+
Message-ID: <3.0.6.32.19990411101709.00876b40@pop-server>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks Jim and others who have replied to my posting. Indeed the standoffs appear to short, The screws line up perfectly with the side of the board - not under it the way Rod Cerkoney <n0rc@arrl.net> and Richard Rood <fcs@juno.com> describe their SW40+'s.

I'll contact Dave directly and get the right standoffs. Maybe I can bypass the problem temporarily by using washers on the sides as Richard Rood suggested.

Other than that, the rig works great!!! passed the "smoke test", was able to find the signal transmitted by the clip lead attached to R29 on my Yaesu FT-840

QRO rig just fine right about 7.150. Installed 100pF cap at C7 accordingly so I can work the 7.040 QRP calling freq :^). Used my MK-708 paddles into Logikey K-3 keyer for the test, made a short cable w/phono plug on one end and 1/8" stereo plug on the other to connect keyer to SW40+. I also have the Freq-Mite which I ordered with the rig, whats the best way to install this little pcb into the SW40+ enclosure?

73's and Aloha, Art Neilson KH7PZ in Hawaii!!

At 07:47 AM 4/11/99 -0800, you wrote:

>I compared my SW40+ with a new one of a friends. Dave Benson got a
>batch of too short standoffs. Send him an email <mailto:bensondj@aol.com>
>and I would bet he will make it right. Mine works fine and the screws
>go under the board.

>

>--

>73, Jim, AL7FS

><http://www.qsl.net/al7fs/>

><mailto:al7fs@qsl.net>

>Anchorage, Alaska

```
  /__ )   _/_  It is a capital mistake to theorise before one has data.
 /--/ __ /    Insensibly one begins to twist facts to suit theories,
 / ( _/ ( _<__ Instead of theories to suit facts.
```

-- Sherlock Holmes, "A Scandal in Bohemia"

Arthur W. Neilson III, KH7PZ

Bank of Hawaii Tech Support

art@hawaii.rr.com

Date: Sun, 11 Apr 1999 14:27:45 -0600
From: Tom Quayle <tquayle@montana.com>
To: qrp-1@Lehigh.EDU
Subject: [37847] QRP For Sale
Message-ID: <371105C1.48E77116@montana.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QRP rigs for sale

Oak Hills Research 20M Spirit with KC1 Keyer/Freq counter installed.
Assembled, aligned, and in new condition. \$100.00

Oak Hills Research 30M 100A kit, new, unassembled. \$ 75.00

NorCal 20 - 20M kit, new, unassembled. \$100.00

Date: 11 Apr 99 16:29:37 EDT
From: Roy Lincoln <wa4dou@usa.net>
To: art@hawaii.rr.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [37848] Re: [Re: SW40+]
Message-ID: <19990411202937.20252.qmail@nw171.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Hi Art,

Radio Shack used to sell packages of standoffs. Maybe you can find some=thing
appropriate there without waiting! 73 Roy WA4DOU-----
-----=

-

Thanks Jim and others who have replied to my posting. Indeed the standof=fs
appear to short, The screws line up perfectly with the side of the board =
-
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>and I would bet he will make it right. Mine works fine and the screws
>go under the board.

>
>-- =

>73, Jim, AL7FS =

><http://www.qsl.net/al7fs/>
><mailto:al7fs@qsl.net>
>Anchorage, Alaska

 /) _/_ It is a capital mistake to theorise before one has data.
 /--/ -- / Insensibly one begins to twist facts to suit theories,
/ (_/ (_<-- Instead of theories to suit facts.
 -- Sherlock Holmes, "A Scandal in Bohemia"

Arthur W. Neilson III, KH7PZ
Bank of Hawaii Tech Support
art@hawaii.rr.com

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Sun, 11 Apr 1999 14:25:37 CDT
From: James R Giammanco <n5ib@juno.com>
To: qrp-1@Lehigh.edu
Subject: [37849] "pruning" temporary antennae
Message-ID: <19990411.142544.12103.1.N5IB@juno.com>

While playing with a temporary 40m inverted vee today I had a thought...
We usually cut an antenna long and then trim off the excess to resonate
where we'd like.

I make end insulators for temp antennae from plastic coat hangers a la
QRP Notebook. But I drill (about 3/32 or 1/8) the ends first axially and
then across a diameter. I can feed the #22 stranded wire I use into the
axial hole, out one side, then loop it around and back through the other
side. It's a nice friction fit and no knots, twists or solders are needed
to hold against several pounds of tension.

Now for the thought... instead of trimming off the excess (absolutely
guaranteeing the antenna will be too short in the next location it is put
up) why not just double the ends back on themselves? The ends are low
current (high potential) points, and if anything, a current cancellation
may take place... But something from my EE-4031 way back 25+ years ago
said "It ain't gonna be that easy..."

Well, I brought out the MFJ analyzer and tried it out... seems to work
fine. When I doubled back about a foot on each end I raised the resonant
frequency by about 200 kHz, but made essentially no change in the feed
point impedance or SWR at resonance (measured at the end of about 20 ft
of coax) compared to the straight-wire case.

So.... to all the real gurus out there Is this way off base? Is it
so obvious that everybody's been doing it for years and I'm just slow? Is
it acting like a (very short) shorted stub? Or what?

72/73
Jim N5IB
n5ib@juno.com

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Date: Sun, 11 Apr 1999 15:42:35 -0500

From: "Malcolm Bussey" <mbussey@gte.net>
To: <qrp-1@Lehigh.EDU>
Subject: [37850] Stuff for sale.....
Message-ID: <000501be845b\$ec252420\$c277fed0@mals-computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Fellows-----I have the following for sale:

- (1) Oak Hills WM-1 Wattmeter (Very clean--very well put together--no mods) \$52
- (2) LDG QRP-Tuner (Factory built)(Very clean with very little use) \$130
- (3) Palomar 6/1 or 4/1 Balun (Your choice) \$19 or both for \$35 (((use w/LDG Tuner)))
- (4) Index Labs QRP-Plus (SN1067) Very Clean--Very little use. It had to be sent to Stan Yrema for work-over last fall. It has the latest firmware installed and the only mod is the inrush protection diodes. I have the microphone and the original box.
\$395
- (5) Unbuilt NorCal Paddle kit \$33
- (6) Not exactly QRP-----Complete Omni C package. You can go from less than 1 watt to over 500----so QRP to QRO with 1 rig. All these pieces are as close to unused as you can get. No marks or scratches anywhere. (1) Omni C with all filters (2) Deluxe matching PS/Spkr (3) Model 229 Tuner (4) Hercules 444 w/PS
- (5) Shure 444D (black) No I will not separate this rig..... ((\$1295))

All of my stuff is clean and nice-----If you open the box and find that it is not as I said that it was-----box it up and send it back for your money back. You will have to pay for the shipping-----but you can't get a better warranty except from a dealer.

Thanks-----The tax-man had some unexpected twists this year.....
mbussey@gte.net 903-793-5745
Malcolm Bussey

Date: Sun, 11 Apr 1999 13:52:48 -0700

From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [37851] R/S mini pwr sply
Message-ID: <19990411.135318.-156989.1.dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

After reading all of the good comments I bought one today. The gal at radio shack said that she didn't have the service manual listed in her catalog, but she will find out tomorrow about getting one. Mine mesured 13.8 v (no load) with a circuitmate dm27 dmm. (accuracy ?).
dave ab5pc fresno, ca.

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 11 Apr 1999 17:35:45 -0400
From: "George Goodroe" <goodroe@worldnet.att.net>
To: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [37852] ChromaSound product annoucement
Message-ID: <000001be8463\$45448620\$f1f3fea9@ggoodroe>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello folks,

I don't know if this is something that all QRP'ers could use however Silicon Pixels, the people who created some of the best SSTV software, have created an all computer DSP filter called Chroma Sound.

It will allow the audio from a radio to be fed into a Win 95 computer and then DSP'ed and cleaned up with lots of options for CW or SSB. check out the web-site at <http://www.siliconpixels.com>

73 de KF4CPJ
George Goodroe
St. Petersburg, Florida USA

80 Meter high noise capital of the USA <grin>

Date: Sun, 11 Apr 99 14:43:22 -0700 (PDT)
From: John Watrous <jwatrous@groucho.santarosa.edu>
To: Bradford D Bilbrey <bigdawg74@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [37853] Re: Yesterdays Contest
Message-ID: <Pine.3.89.9904111442.A3354-0100000@groucho.santarosa.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just hearing you on was enough for me!
Thanks for taking the time. I enjoyed working you.
For a more brief contest like this one, try te ARS Spartan Sprints on the
first Mondays of the month. Some of the same people and new ones too.

John

John Watrous, K6PZB
CM88nk Graton CA
ARS #211
jwatrous@groucho.santarosa.edu

Date: Sun, 11 Apr 1999 17:49:06 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-1@lehigh.edu>
Subject: [37854] PatComm PC-9000 XCVR.
Message-ID: <005001be8465\$20a06b20\$bf3267d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Additional information is available at the following URL:

<http://www.radiowise.com/prod/pat/PC9000/pat.htm>

It's not a QRP only transceiver but has a 5 W option and 6M coverage, looks
interesting.

No connection with the dealer or manufacturer. For information purposes
only!!

73 de Vince, VE3VFN.

Date: Sun, 11 Apr 1999 18:01:42 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-1@lehigh.edu>
Subject: [37855] Electronics 2000 volume 2 CD.
Message-ID: <005601be8466\$e2ad6e60\$bf3267d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This is a collection of "nearly 1000 Windows 9x" shareware, freeware, public domain and demos of electronics programs. Categories are: CAD, calculators, circuits, design, hardware, reference, schematics, tutor, and utilities. The versions included are not always the most recent, but I think it is a good buy in the \$10 to \$15 range, and great to kill time and learn a bit.

It is available from Universal radio in Ohio. Our friends in Toronto, Canada will find it at the U of T bookstore.

No connection with the dealer or publisher. I paid the full retail price (C\$13.00+taxes) for my copy.

73 de Vince, VE3VFN.

Date: Sun, 11 Apr 1999 17:14:51 -0500
From: "Malcolm Bussey" <mbussey@gte.net>
To: <qrp-1@lehigh.edu>
Subject: [37856] Mal's stuff for sale.....
Message-ID: <004a01be8468\$ba8b2920\$c277fed0@mals-computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Guys, The paddles and the wattmeter are spoken for.....
Thanks,
Malcolm Bussey

Date: Sun, 11 Apr 1999 12:18:04 -1000
From: "Art Neilson, KH7PZ" <art@hawaii.rr.com>
To: qrp-1@lehigh.edu
Subject: [37857] SW40+
Message-ID: <3.0.6.32.19990411121804.00876720@pop-server>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

OK, I set trimmer R24 on the SW40+ so I am getting exactly 1.5Watts according to my Diamond SWR/Wattmeter. What is the safe range for this trimmer? If I up it to 2 watts will the radio perform OK or will I overdrive the finals?

73's & Aloha Art Neilson KH7PZ

```
  /-- )    _/_ It is a capital mistake to theorise before one has data.  
 /--/ _ _ /    Insensibly one begins to twist facts to suit theories,  
/ ( _/ ( _< _  Instead of theories to suit facts.  
                -- Sherlock Holmes, "A Scandal in Bohemia"
```

Arthur W. Neilson III, KH7PZ
Bank of Hawaii Tech Support
art@hawaii.rr.com

Date: Sun, 11 Apr 1999 17:21:57 -0500
From: Jeff Johns <jeffj@scott.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [37858] Re: SW40+
Message-ID: <199904112221.RAA28114x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Sun, 11 Apr 1999 10:17:09 -1000, "Art Neilson, KH7PZ" <art@hawaii.rr.com> wrote:

> I also have
> the Freq-Mite which I ordered with the rig, whats the best way to install
> this little pcb into the SW40+ enclosure?

Here's how I installed mine. Looking at the rig from the back, I put the push button switch right in the middle of the rear panel at the top of the

73 Jeff W4JEF

On Sun, 11 Apr 1999 17:21:57 -0500, Jeff Johns <jeffj@scott.net> wrote:

73 Jeff

Date: Sun, 11 Apr 1999 18:48:38 EDT
From: Macstein@aol.com

To: qrp-1@lehigh.edu
Subject: [37860] re: SW40+
Message-ID: <c9493f3.244280c6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>I compared my SW40+ with a new one of a friends. Dave Benson got a
>batch of too short standoffs. Send him an email <mailto:bensondj@aol.com>
>and I would bet he will make it right. Mine works fine and the screws
>go under the board.

Poor Dave can't win! When I added the ten turn pot, I needed shorter ones!
I just used nylon screws and nuts for the PCB standoffs.

HEY! Thanks to Dean KH6B, I just finished my QRP WAS with this little elmer
rig and my attic dipole! Dean was QRP too! (Thanks guy!)

-MAC-
KF4KSM
Odessa, FL

Date: Sun, 11 Apr 1999 18:56:22 -0400 (EDT)
From: malman@world.std.com (Joel Malman)
To: qrp-1@Lehigh.EDU
Cc: k1qm@world.std.com, mtracy@arrl.org
Subject: [37861] NE-QRP Meeting
Message-ID: <199904112256.AA26066@world.std.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

New England folks:

Anyone interested in going to the NE-QRP meeting at ARRL HQ ???

I'll be driving to the meeting on Sunday, April 18th. Leaving very
early (about 6:50 AM) to make the 9am start time.

I would like to depart from my condo in Concord MA. If you want to ride
along, you can park your car in my condo lot and off we go.

Please E-Mail (k1qm@world.std.com) if interested.

--

/joe1 K1QM (Ex-wa1qvm) Concord, Massachusetts
QRP-L 337, QRP-ARCI 9305, MI-QRP 1641, NorCal #1884

Date: Sun, 11 Apr 1999 23:58:22 -0400
From: pmk@juno.com
To: qrp-l@lehigh.edu
Subject: [37862] How sweet it is. Mosley TA-33 revisited
Message-ID: <19990411.235823.3438.2.pmk@juno.com>

Boy I just forgot how much a yagi up 60 feet will do.
I took down my Mosley and rotator to service them
over 6 months ago. I have been using my 80mtr
loop for all the bands.

I will have to say the loop works quite well on 30
and down but, the tribander really shines on 20
and up. I finally got around to putting the Mosley
together today. I thought I would try some antiseize
compound this time around. It looks like what
was in it before. I was going to use DeOx as I use
it in my trade but notice it dries up after about 10
years. As this is sitting in the WX I went with the
antiseize.

Also set it for CW this time around. It is flat as a
pancake now.

Couldn't be a better time to test it either as the QRP
contest was going. I couldn't believe the reports I
was getting and also had a few call me as I was
roaming around 20 with my new NC/20. I apologize
if I had stepped on someone as I tried to move up
the band when someone called me.

Moral to this story
Dont keep the beams down to long next time

72 de Patrick KD4OBQ

AR
<http://www.qsl.net/kd4obq/>
pmk@juno.com for faster service.

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

End of QRP-L Digest 1423
